ACUSON SC2000 PRIME Ultrasound System

Al-powered Applications for Precision and Speed in the Echo Lab

Release 6.1

siemens-healthineers.com/ultrasound
Eyeball estimation of ejection fraction (EF) has poor intra-operator reproducibility with differences up to 17.8%.

80–95% of sonographers worldwide experience work-related pain.

Growth of echo exams increased by twice the rate of the cardiology workforce over ten years.

Precise visualization, measurements, and efficiency are required to drive outcomes and success.

3. NHS Month Diagnostics Statistics February 2019
4. NHS Workforce Statistics November 2018
Expanding precision for the echo lab

The ACUSON SC2000 PRIME Ultrasound System

ACUSON SC2000 PRIME is an ultrasound system that provides you workflow efficiency and precision required at every step of the care pathway. You get the complete solution for the echo lab with the full suite of imaging options and 1-click AI-powered applications — enabling you to handle whatever comes your way.

Power of the platform
Pioneering 2D and 4D imaging technologies for more clinically relevant detail in every image.

The complete Structural Heart Disease solution
The first system on the market to offer 2D and 4D TTE, TEE, ICE, and TrueFusion.

Precision and speed for the echo lab
The most comprehensive suite of AI-powered applications.

More relevant than ever before
Continuous improvements in image quality, IT and security, processing power, and ergonomics.

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1 Software application leveraging machine learning-based Artificial Intelligence to achieve the intended outcome.

2 TrueFusion represents a workflow consisting of syngo® TrueFusion (syngo X Workplace) and TrueFusion echo-fluoro guidance (ACUSON SC2000 PRIME).
Pioneering 2D and 4D imaging technologies for more clinically relevant detail in every image with ACUSON SC2000 PRIME

InFocus\(^1\) and True Fidelity Color Doppler

InFocus\(^1\) synthesizes every pixel throughout the field of view for excellent spatial and temporal resolution. True Fidelity Color Doppler increases sensitivity and specificity while reducing color artifacts.

Real-Time Volume Color Doppler

Real-time 4D volume imaging and volume color Doppler is as easy and real-time as your 2D imaging. This enables you to move from static anatomic pictures to see anatomy in motion – true physiology.

Contrast Pulse Sequencing (CPS)

Contrast Pulse Sequencing provides optimal tissue suppression and contrast visualization.

\(^{1}\) InFocus refers to InFocus Coherent Technology

siemens-healthinners.com/ultrasound
Leading in artificial intelligence and imaging
to bring you speed and precision in echocardiography

Siemens Healthineers has pioneered AI-Powered offerings since 1996. As of today, we have over 400 patents and applications in machine learning (with 100 in deep learning), more than 30 AI-enriched offerings on the market.

Our first AI-powered application for echocardiography was released in 2009. Today, the ACUSON SC2000 PRIME ultrasound system offers the most comprehensive suite of AI-powered applications on the market to bring you speed and precision.

1 Based on competitive data available April 2020.
2 eSie VVI is not an AI-powered application.
The most comprehensive suite of AI-powered applications on the market

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<thead>
<tr>
<th>Clinical application</th>
<th>Transthoracic (TTE)</th>
<th>Transesophageal (TEE)</th>
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<tbody>
<tr>
<td>eSie Measure workflow acceleration B-mode</td>
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<td>eSie Measure workflow acceleration M-mode</td>
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<td>eSie Measure workflow acceleration Spectral Doppler</td>
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<td>eSie LVA volume LV analysis</td>
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1 TrueFusion represents a workflow consisting of syngo® TrueFusion and TrueFusion echo-fluor guidance.
2D and 4D TTE, TEE, ICE and TrueFusion

only with the ACUSON SC2000 PRIME ultrasound system

1 TrueFusion represents a workflow consisting of syngo® TrueFusion (syngo X Workplace) and TrueFusion echo-fluoro guidance (ACUSON SC2000 PRIME). Based on competitive data available April 2020.
Maximize system uptime with remote connected support

More relevant than ever before in the digital world

SRS (smart remote services) connects your medical equipment to our experts who provide you with proactive and interactive services caring for your running operations.

**Remote Diagnosis & Repair**
Immediate access to technical support reducing labor costs by > 50%¹

**Remote Assist**
Real-time interaction with clinical application experts resulting in faster incident resolution by > 80%¹

**Remote software updates**
Remote installation of the latest software updates to protect against cyber threats

¹ As compared to an on-site visit. Real-time access is impacted by individual country factors.

The products/features and/or service offerings (here mentioned) are not commercially available in all countries and/or for all modalities. If the services are not marketed in countries due to regulatory or other reasons, the service offering cannot be guaranteed. Please contact your local Siemens Healthineers organization for further details.
More relevant today than ever before

The ACUSON SC2000 PRIME today is completely different from just a few years ago

With ongoing investments in processing power and AI-powered applications as well as IT and security, the ACUSON SC2000 PRIME ultrasound system continues to revolutionize the world of echocardiography, expanding precision for the echo lab.
“As an enthusiastic user of the ACUSON SC2000, I am very satisfied with the latest release. It provides improved image quality and efficiency that I require for diagnostic TTE and TEE exams and interventional guidance for SHD procedures.

The 2D and 4D Volume TTE and TEE imaging enable visualization of pathology and lesions that I might not be able to see otherwise.

AI-powered applications allow me to get what I need in 1-click, greatly reducing variability, time and effort required for diagnostic measurements as well as guidance of SHD procedures.

eSie Lines and eSie Slice allow me to dissect and navigate within the 3D dataset with more precision.

The greatest benefit for me are new Single V and Dual V tools. Now I can precisely view and crop my region of interest in critical periods during intervention.”
At Siemens Healthineers, we pioneer breakthroughs in healthcare. For everyone. Everywhere. By constantly bringing breakthrough innovations to market, we enable healthcare professionals to deliver high-quality care, leading to the best possible outcome for patients.

Our portfolio, spanning from in-vitro and in-vivo diagnostics to image-guided therapy and innovative cancer care, is crucial for clinical decision-making and treatment pathways. With our strengths in patient twinning, precision therapy, as well as digital, data, and artificial intelligence (AI), we are well positioned to take on the biggest challenges in healthcare. We will continue to build on these strengths to help fight the world’s most threatening diseases, improving the quality of outcomes, and enabling access to care.

We are a team of 66,000 highly dedicated employees across more than 70 countries passionately pushing the boundaries of what’s possible in healthcare to help improve people’s lives around the world.